

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1
-------	---

1

f 2

100

Complete if Known

Application Number	Initial Filing
Filing Date	12/08/2003
First Named Inventor	Shah
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	68146988.719

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
W		US- 5864857	01-26-1999	Ohata et al.	
		US- 5884299	03-16-1999	Ramesh et al.	
		US- 5899992	05-04-1999	Iyer et al.	
		US- 5905985	05-18-1999	Malloy et al.	
		US- 5926818	07-20-1999	Malloy	
		US- 5983227	11-09-1999	Nazem et al.	
		US- 5991756	11-23-1999	Wu	
		US- 6032144	02-29-2000	Srivastava et al.	
		US- 6078926	06-20-2000	Jensen et al.	
		US- 6161103	12-12-2000	Rauer et al.	
		US- 6163774	12-19-2000	Lore et al.	
		US- 6199063 B1	03-06-2001	Colby et al.	
		US- 6205469 B1	03-20-2001	Graham	
		US- 6212515 B1	04-03-2001	Rogers	
		US- 6212524 B1	04-03-2001	Weissman et al.	
		US- 6282544 B1	08-28-2001	Tse et al.	
		US- 6327574 B1	12-04-2001	Kramer et al.	
		US- 6366922 B1	04-02-2002	Althoff	
W		US- 6377993 B1	04-23-2002	Brandt et al.	

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date Considered

4/14/15

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND T : Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2of 2**Complete if Known**

Application Number	Initial Filing
Filing Date	12/08/2003
First Named Inventor	Shah
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	68146988.719

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<u>W</u>		US- 6385201 B1	05-07-2002	Iwata	
		US- 6385604 B1	05-07-2002	Bakalash et al.	
		US- 6434557 B1	08-13-2002	Egilsson et al.	
		US- 6446063 B1	09-03-2002	Chen et al.	
		US- 6480836 B1	11-12-2002	Colby et al.	
		US- 6484179 B1	11-19-2002	Roccaforte	
		US- 6493699 B2	12-10-2002	Colby et al.	
		US- 6505205 B1	01-07-2003	Kothuri et al.	
		US- 6542895 B1	04-01-2003	DeKimpe et al.	
		US- 6556983 B1	04-29-2003	Altschuler et al.	
<u>CW</u>		US- 2002/0029207 A1	03-07-2002	Bakalash et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
W		WO 99/57658 A1	11-11-1999	Drayton et al.		
W		WO 00/20982 A1	04-13-2000	Miller et al.		

Examiner
SignatureAmichurDate
Considered4/14/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	Initial Filing
		Filing Date	12/08/2003
		First Named Inventor	Shah
		Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet 1	of 2	Attorney Docket Number	68146988.719

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5864857	01-26-1999	Ohata et al.	
		US- 5884299	03-16-1999	Ramesh et al.	
		US- 5899992	05-04-1999	Iyer et al.	
		US- 5905985	05-18-1999	Malloy et al.	
		US- 5926818	07-20-1999	Malloy	
		US- 5983227	11-09-1999	Nazem et al.	
		US- 5991756	11-23-1999	Wu	
		US- 6032144	02-29-2000	Srivastava et al.	
		US- 6078926	06-20-2000	Jensen et al.	
		US- 6161103	12-12-2000	Rauer et al.	
		US- 6163774	12-19-2000	Lore et al.	
		US- 6199063 B1	03-06-2001	Colby et al.	
		US- 6205469 B1	03-20-2001	Graham	
		US- 6212515 B1	04-03-2001	Rogers	
		US- 6212524 B1	04-03-2001	Weissman et al.	
		US- 6282544 B1	08-28-2001	Tse et al.	
		US- 6327574 B1	12-04-2001	Kramer et al.	
		US- 6366922 B1	04-02-2002	Althoff	
		US- 6377993 B1	04-23-2002	Brandt et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			

Examiner Signature	<i>AW 2/9</i>	Date Considered	4/11/05
-----------------------	---------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

T : Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	Initial Filing
		Filing Date	12/08/2003
		First Named Inventor	Shah
		Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	68146988.719
Sheet 12	of 12		

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	1*
		Country Code* ² Number * ³ Kind Code* ⁴ (if known)	MM-DD-YYYY			
W		WO 99/57658 A1	11-11-1999	Drayton et al.		
cat		WO 00/20982 A1	04-13-2000	Miller et al.		

Examiner Signature	<i>W. S.</i>	Date Considered	4/11/05
-----------------------	--------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.